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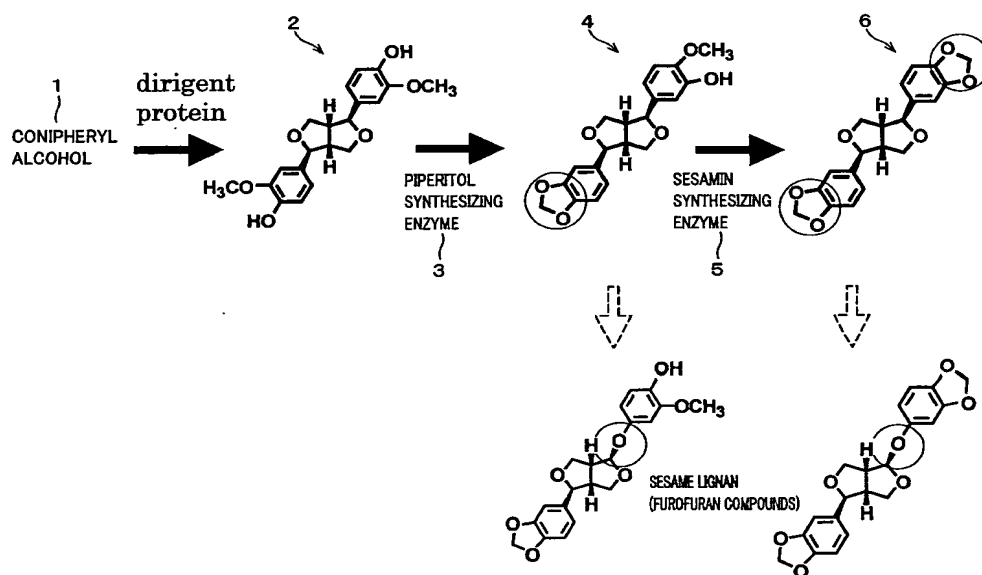
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(54) Title: A GENE ENCODING AN ENZYME FOR CATALYZING BIOSYNTHESIS OF LIGNAN, AND USE THEREOF



(57) Abstract: The present invention provides an enzyme that catalyzes the reaction producing piperitol from pinoresinol, and a reaction producing sesamin from piperitol. The invention also provides a gene that encodes such enzyme. Further, the invention provides a vector and transformant including a gene encoding the enzyme, and a producing method of the protein using the transformant.